

In the claims:

All of the claims standing for examination are reproduced below. Claims 1 and 3-5 are canceled, and claim 6 is newly added in this response.

Claims 1-5 (canceled)

6. (presently added) A data network telephony (DNT) system, comprising:

a DNT-capable data network;

a plurality of wireless transceivers, each transceiver transmitting to a distinct area ;

at least one base station connected to the data network and plurality of wireless transceivers, the base stations adapted to operate the transceivers by a two-way, narrow-band, multiple-channel, real-time duplex radio protocol;

a plurality of portable computer-enhanced client communicator units, including microphone and speaker apparatus, each assigned a unique address and adapted to communicate with the base stations via the transceivers by the two-way real-time radio protocol and to process DNT calls;

a hierarchical network of connected routers including a master router and a plurality of lower-level routers between the data network and the base stations, each connected to at least one transceiver;

a personal router application executable on the routers, base stations, transceivers and client communicator units, wherein each base station is adapted to interact with the client communicator units in personal routing functions; and

a routing table maintained at each of the routers and base stations, the routing table listing addresses of communicators operating in the area of each connected transceiver;

characterized in that individual clients are enabled, through the personal router application, to remotely edit routing rules unique to their own communicator IDs, at the client communicator device, regardless of whether or not the client communicator device is connected to, and communicating with the base station or transceivers, and to upload the edited rules to the base station or transceivers for programming alternative actions for incoming calls, and further characterized in that an operating communicator unit moving from one area to another causes updating to the routing table to occur in a minimum number of routers.
